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S/027/055

August 29, 1994

TO: Minerals File

FROM: Travis Jones, Reclamation Hydrologist 

RE: Site Inspection, Cudahy Mine, S/027/043, Millard County, Utah

Date of Inspection: August 25, 1994

Time of Inspection: 1035-1355

Conditions: Sunny and warm

Participants: Tom Clark; Byron Ray (land owners son); Rody Cox and Larry Garahana (BLM); Tony Aguire and Steve Sorenson (Diversified Stone); Travis Jones and Wayne Hedberg (DOGM)

The purpose of this inspection was twofold. First, a field confirmation that the area Mr. Tom Clark was permitted to mine under had not been disturbed since the date he filed his notice (1991). Second, to discuss permitting and reclamation requirements with Byron Ray, the land owner, and any other parties interested in mining the Cudahy Mine property.

At the outset of the inspection, all parties present were informed by DOGM that the only permit on file for the Cudahy Mine property is Tom Clark's small mining notice. They were advised that any other material removed from the mine would be in violation of State law until a permit is secured by the operator. The implications of re-impacting previously disturbed lands and general reclamation standards and guidelines as applicable to this mine site were also discussed.

Tom Clark then took us to the area which was covered under his original small mine notice. Comparison of existing conditions with file photographs taken during a October 29, 1992 inspection, confirmed that no mining disturbance has occurred since the submittal of Mr. Clark's notice. Mr. Clark and the BLM personnel then left the mine site area. Mr. Clark's case file should now be closed. His request for release from his original small mining application should be accepted.

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Steve Sorenson then showed us where pumice and perlite materials have been removed by Diversified Stone over the past 12 - 13 years through a verbal agreement with Mr. Byron Ray senior. He indicated that they have removed approximately 50 tons/year on the average. Diversified Stone has removed material for Hess Pumice from pumice stockpiles located just south of Mr. Clark's permit area. Diversified Stone has also removed material from the highwalls adjacent to the principal staging areas (i.e., a highwall west of the staging areas, and a highwall east of the staging areas).

The highwall east of the staging areas has been slightly increased in length by Diversified Stone. Mr. Sorenson and Mr. Aguire indicated that this area was mined before them by a Mr. Don Smith back in the early 1970's. We discussed conceptualized reclamation possibilities/requirements for these re-impacted areas. We also pointed out potential borrow areas (sources of fines) on the mine site area that could be used to enhance the revegetative success upon final reclamation of the quarrying activities. Diversified Stone representatives and Mr. Ray were informed that post-law disturbances would have to be reclaimed by the land owner if there was no other operator of record with an approved permit filed on the mine site.

We performed rough measurements of the general areas Mr. Sorenson indicated they have re-impacted. The total area is approximately 1.1 acres. Attached to this memo is a table summarizing the performed measurements. Mr. Ray and Diversified Stone indicated that they would get together to discuss possible future mining (and permitting) activities at the mine. Mr. Clark may also enter into contract negotiations with Mr. Ray at a future date at this site. Photographs were taken of these areas as well as Mr. Clark's proposed permit area.

jb
Attachment
cc: Byron N. Ray, Ray Mining LC
Tom Clark, Operator
Steve Sorenson, Diversified Stone
S027043.ins

SUMMARY OF POST-LAW DISTURBANCES

Cudahy Mine

S/027/043

Millard County

Prepared by Utah Division of Oil, Gas & Mining on 9/13/94

Dimensions are based on measurements taken on site 8/25/94

Measurements were taken using a "Topometric Products Inc" Hip-Chain

This information is not based on a certified survey of the site; measurements are approximate

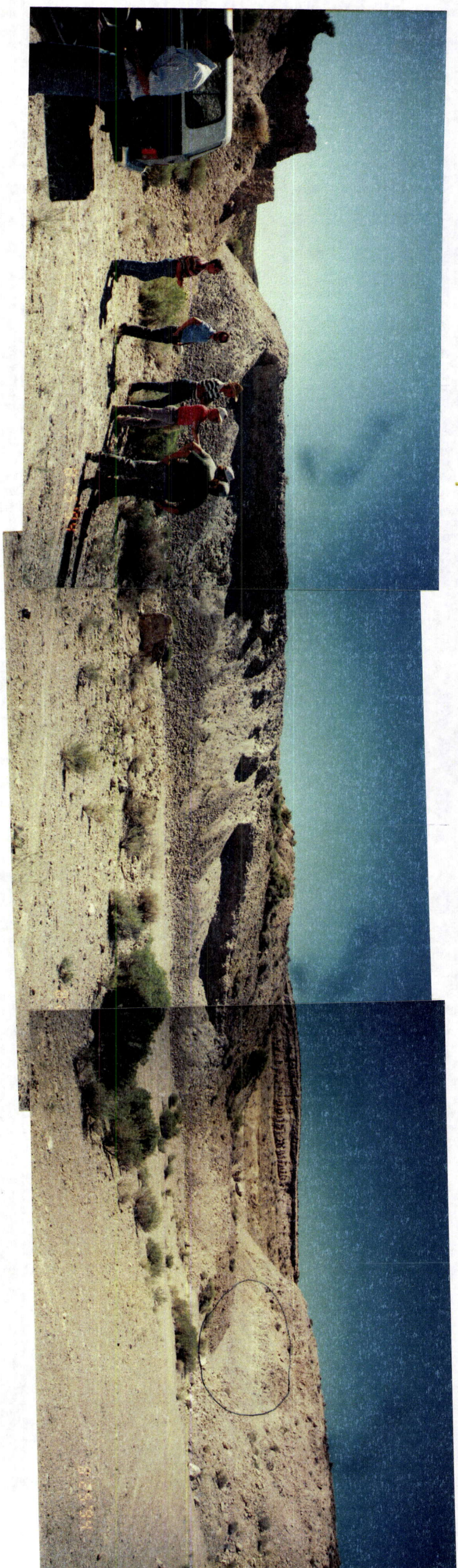
Area Description	Geometric Shape	Length-1 (feet)	Length-2 (feet)	Diameter (feet)	Area (acres)
East Bench & Highwall	Rectangle	150	85		0.29
Road 1*	Rectangle	225	9		0.05
Road 2**	Rectangle	335	9		0.07
Pit Floor/Staging Area/Highwall	Rectangle	140	80		0.26
West Highwall & Road	Rectangle	170	40		0.16
Parking Area & Highwall	Circle			60	0.06
Stockpile Area	Circle			100	0.18

Total => 1.1

**Road 1 connects Road 2 and the road heading south toward the obsidian mines*

**Road 2 connects the parking area and the east bench & highwall*

S027043.wq1



Pit Plant / Staging Area / Highway 11
DPS 08-00 S4D

NNNN

Parking Area 7 Highway 11

DPS 08-00 S4D

DPS 08-00 S4D

NNNN

DPS 08-00 S4D

West Highway 11 & Road

DPS 08-00 S4D

NNNN

West Highway 11 & Road



